SOUST
06-01-06

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 1, 2006

Mr. Mike Karvelot
Quik Stop Markets, Inc.
4567 Enterprise Street
Fremont, CA 94538

Subject: Fuel Leak Case No. RO0000123, Quik Stop # 56, 3132 Beaumont Avenue, Oakland, CA

Dear Mr. Karvelot:

Alameda County Environmental Health (ACEH) staff has reviewed the recently submitted report entitled, "Revised Amended Site Assessment Work Plan", dated November 10, 2005 and prepared on your behalf by TRC. ACEH agrees with the proposed scope of work presented in the Work Plan report. Please see the technical comments below regarding the proposed work plan implementation.

We request that you perform the proposed work address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Proposed Soil Boring Installation and Sampling.** At present, no data has been collected off site to determine the lateral or vertical extent of hydrocarbon impacted soil and groundwater. During the soil boring installation, soil samples should be screened with a PID and examined for visible staining and hydrocarbon odor. If any interval where stating, odor, or elevated PID readings occur a soil sample is to be collected and submitted for laboratory analysis. If no staining, odor, or elevated PID readings are observed, soil sample are to be collected from each boring at the capillary fringe, where groundwater is first encountered, changes in lithology, and at five foot intervals until total depth of the boring is reached. Additionally, groundwater samples are to be collected at the capillary fringe and at depth discrete intervals as determined by the soil boring data.

   However, considering site hydrogeology and the direction of groundwater flow toward the west-southwest as proposed by TRC, ACEH believe additional soil borings may be needed to more accurately define potential off site hydrocarbon contamination and migration issues. Due to lack of data on the eastern side of the site, combined with analytical results of 240 mg/kg TPHg for SW-1 in the former UST tank pit, ACEH requests that two additional soil borings be installed in the south-eastern sidewalk downgradient of the former UST location. Lastly, given the linear distance between the Medical Center soil boring location and the parking lot soil boring location, we recommend one additional soil boring be installed in the vicinity of the south-west corner of East 31st Street and 14th Avenue. Please present your results in the Soil and Water Investigation Report requested below.

2. **Hydropunch Groundwater Sampling.** ACEH agrees with need for depth discrete groundwater sampling. Please use the soil boring data to target discrete groundwater zones and direct groundwater sampling.

3. **Chemical Analysis.** ACEH concurs with the proposed chemical analyses for all soil and groundwater samples. We also request that EtOH be added to the list of constituents for laboratory analysis for both soil and groundwater.

4. **Monitoring Well Construction.** Currently, all three monitoring wells at the site have screen intervals that are at least 20 feet in length. Please explain the rational to define the vertical extent of groundwater contamination and to assess, based on site-specific conditions, whether the long screen wells provide accurate groundwater monitoring results. The proposed well construction recommended in the general field procedures (Appendix B) specify between 20 to 30 feet screen intervals, which may not be consistent with the collection of depth discrete groundwater samples due to various conditions that can occur within the well bore. ACEH suggests the use of monitoring wells designed with screen intervals of 10 feet or less, as these wells will likely be representative of depth discrete groundwater conditions. Please present your conclusions for monitoring well construction in the SWI report requested below.

5. **Project Approach and Investigation Reporting – Site Conceptual Model**

   We anticipate that characterization and remediation work in addition to what is requested in this letter will be necessary at and downgradient from your site. Considerable cost savings can be realized if your consultant focuses on developing and refining a viable Site Conceptual Model (SCM) for the project. A SCM is a set of working hypotheses pertaining to all aspects of the contaminant release, including site geology, hydrogeology, release history, residual and dissolved contamination, attenuation mechanisms, pathways to nearby receptors, and likely magnitude of potential impacts to receptors. The SCM is used to identify data gaps that are subsequently filled as the investigation proceeds. As the data gaps are filled, the working hypotheses are modified, and the overall SCM is refined and strengthened. Subsurface investigations continue until the SCM no longer changes as new data are collected. At this point, the SCM is said to be "validated." The validated SCM then forms the foundation for developing the most cost-effective corrective action plan to protect existing and potential receptors.

   When performed properly, the process of developing, refining and ultimately validating the SCM effectively guides the scope of the entire site investigation. We have identified, based on our review of existing data, some initial key data gaps in this letter and have described several tasks that we believe will provide important new data to refine the SCM. **We request that your consultant develop a SCM for this site, identify data gaps, and propose specific supplemental tasks for future investigations.** There may need to be additional phases of investigations, each building on the results of the prior work, to validate the SCM. Characterizing the site in this way will improve the efficiency of the work and limit its overall cost.

   The SCM approach is endorsed by both industry and the regulatory community. Technical guidance for developing SCMs is presented in API's Publication No. 4699 and EPA's Publication No. EPA 510-B-97-001 both referenced above; and "Guidelines for Investigation

and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C," prepared by the State Water Resources Control Board, dated March 27, 2000.

The SCM for this project shall incorporate, but not be limited to, the following:

a) A concise narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include a list of technical references you reviewed, and copies (photocopies are sufficient) of regional geologic maps, groundwater contours, cross-sections, etc.

b) A concise discussion of the on-site and off-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to downgradient and above-ground receptors. Be sure to include the vapor pathway in your analysis. Maximize the use of large-scale graphics (e.g., maps, cross-sections, contour maps, etc.) and conceptual diagrams to illustrate key points. Include structural contour maps (top of unit) and isopach maps to describe the geology at your site. Geologic cross-sections, which include an interpretive drawing of the vertical extent of soil and groundwater contamination (i.e., an interpretive drawing—not a plot of laboratory results). The SCM report requested below is to include one cross section parallel and one cross section perpendicular to the contaminant plume axis. Each cross section should include, but not be restricted to, the following:

1. Subsurface geologic features, depth to groundwater and man-made conduits.
2. Surface topography. The cross sections should be extended off-site where necessary to show significant breaks in slope.
3. Soil descriptions for all borings and wells along the line of section.
4. Screen and filter pack intervals for each monitoring well.
5. Sampling locations and results for soil and grab groundwater samples.
6. Site features such as the tank pit, dispensers, buildings etc. Where appropriate, monitoring well location and soil boring locations will be projected back to the strike of the cross section line

c) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.

d) Proposed activities to investigate and fill data gaps identified above.

e) The SCM shall include an analysis of the hydraulic flow system at and downgradient from the site. Include rose diagrams for groundwater gradients. The rose diagram shall be plotted on groundwater contour maps and updated in all future reports submitted for your site. Include an analysis of vertical hydraulic gradients. Note that these likely change due to seasonal precipitation and pumping.

f) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head measurements. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams.

g) Several other contaminant release sites exist in the vicinity of your site. Hydrogeologic and contaminant data from those sites may prove helpful in testing certain hypotheses for your

SCM. Include a summary of work and technical findings from nearby release sites and incorporate the findings from nearby site investigations into your SCM.

h) Plots of chemical concentrations vs. time and vs. distance from the source. Plots should be shown for each monitoring well, which has had detectable levels of contaminants

i) Summary tables of chemical concentrations in each historically sampled media (including soil, groundwater and soil vapor).

j) Boring and well logs (including construction/screening), and a summary table indicating construction specifications for each monitoring and extraction well.

Report the information discussed above in your initial SCM and include it in the Work Plan requested below. Include updates to your SCM in the Soil and Water Investigation (Results of Expedited Site Assessment) Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **July 15, 2006 – Soil and Water Investigation Report with** Initial Site Conceptual Model

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.
Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,

Steven Plunkett
Hazardous Materials Specialist

cc: Mr. Jonathan Scheiner
TRC Solutions, Inc.
1590 Solano Way, Suite A
Concord, CA 94520

Mr. Steven Kemnitz
TRC Solutions, Inc.
1590 Solano Way, Suite A
Concord, CA 94520

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

12-12-02

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

November 26, 2002

Mike Karvelot, Director of Environmental Affairs
Quik Stop Markets, Inc.
4567 Enterprise St.
Fremont, CA 94538-7605

Dear Mr. Karvelot:

Subject: Fuel Leak Case No. RO0000123, Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602;

Alameda County Environmental Health (ACEH) staff has reviewed "Site Assessment Work Plan" dated February 2002 and "Quarterly Groundwater Monitoring Report, 3rd Quarter 2002" by TRC. The quarterly monitoring reports indicate that the historical trends continue. MW-1 continues to exhibit high concentrations of Total Petroleum Hydrocarbon (Gasoline) [TPHG] and Methyl Tertiary-Butyl Ether (MTBE), while MW-2 and MW-3 continues to show nondetectable concentrations of TPHG and benzene, toluene, ethylbenzene, xylene (BTEX), and very low concentrations of MTBE. The highest concentrations of TPHG and MTBE were found on February 5, 2002, 28,000 ug/l and 44,000 ug/l, respectively. The work plan proposed installation of an additional monitoring well downgradient and offsite. We feel that it would be premature to install an additional monitoring well at this time. Only MW-1 has significant groundwater contaminant concentrations. Also, the proposed well location is approximately 240 feet away from the location of the removed tanks. Thus, the well location proposed may miss the plume. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

1) Lateral and vertical delineation of the plume required - To site additional monitoring wells, propose locations for borings. To monitor the vertical range of the plume, we request that your monitoring network include depth discrete monitoring for onsite and offsite locations. Generally, the screened intervals should be 3 to 5 feet in length. Depth to water for onsite monitoring well MW-2 has been as shallow as 4.95 feet. Include how the screen interval will be determined if the depth to water for the proposed well is shallow. Include your proposal for plume delineation in the amended workplan requested below.
2) Conduit Survey required - Determine if the plume is being intercepted.
3) Well Survey required – List wells within a quarter mile radius of the site. Indicate which of these may be potential receptors.

4) Historical Gradient – Please show using a rose diagram and also include magnitude and direction.
5) Source Evaluation - None of the onsite monitoring wells were within 10 feet of the former fuel tanks and dispensers, and in the downgradient direction. To locate a well to meet these requirements and to delineate the contamination from the former fuel tanks and dispensers, propose locations for borings.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to the Alameda County Environmental Health (Attention: Don Hwang), Amended Workplan by January 31, 2003 and Quarterly Groundwater Monitoring Reports within 30 days of the end of the quarter:

1) Amended Workplan including:
   Proposed locations for borings to delineate the groundwater contaminant plume.
   Monitoring network screened intervals.
   Conduit Survey.
   Well Survey.
   Historical Gradient.
   Proposed locations for borings to delineate the contamination from the former fuel tank and dispensers.
2) Quarterly Groundwater Monitoring Report, 4th Quarter 2002
3) Quarterly Groundwater Monitoring Report, 1st Quarter 2003
4) Quarterly Groundwater Monitoring Report, 2nd Quarter 2003
5) Quarterly Groundwater Monitoring Report, 3rd Quarter 2003

If you have any questions, you may call me at 510/567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Tracy Walker, TRC, 5052 Commercial Circle, Concord, CA 94520

File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

12-7-01

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 5, 2001

Mike Karvelot, Director of Environmental Affairs
Quik Stop Markets, Inc.
4567 Enterprise St.
Fremont, CA 94538

Dear Mr. Karvelot:

Subject: Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602;
RO0000123

The reports for the 2nd and 3rd quarters dated June 19, 2001 and August 15, 2001, respectively, by TRC were reviewed. Monitoring wells MW-1, MW-2, and MW-3, were sampled and analyzed for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, xylene (BTEX), and methyl tertiary-butyl ether (MTBE). Monitoring well MW-1 located downgradient from the former and present underground tank locations has been the only well with high MTBE and TPH-G groundwater concentrations. The concentrations for samples collected on April 25, 2001 were 17,000 ug/l MTBE and 12,000 ug/l TPH-G, for July 24, 2001 were 14,000 ug/l MTBE and 8,800 ug/l TPH-G. These MTBE concentrations were similar to prior samples with the exception of the initial sample. The TPH-G concentration on April 25, 2001 doubled from the prior quarter. MTBE concentrations have increased significantly from the initial sample collected on March 2, 2000 and TPH-G groundwater have increased significantly when compared to the first two quarters. The only other well with detectable contaminant concentrations during the 2nd and 3rd quarters 2001 was MW-3, which had a MTBE concentrations of 25 ug/l on April 25, 2001 and 5.2 ug/l on July 24, 2001.

Delineation of MTBE and TPH-G concentrations from the site is needed. Provide a workplan to delineate MTBE and TPH-G concentrations from the site and continue quarterly groundwater monitoring. If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

ec

C: Tracy Walker, TRC, 5052 Commercial Circle, Concord, CA 94520
file

06-14-01

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 12, 2001

Mike Karvelot, Director of Environmental Affairs
Quik Stop Markets, Inc.
4567 Enterprise St.
Fremont, CA 94538

Dear Mr. Karvelot:

Subject: Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602;
RO0000123

"Quarterly Progress Report, 4th Quarter 2000" dated January 10, 2001 and "Quarterly Progress Report, 1st Quarter 2001" dated March 15, 2001 by TRC, were reviewed. Monitoring wells MW-1, MW-2, and MW-3, were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, xylene (BTEX), and methyl tertiary-butyl ether (MTBE). Monitoring well MW-1 located downgradient from the former and present underground tank locations has been the only well with high MTBE groundwater concentrations. The MTBE concentrations were 21,000 ug/l and 18,000 ug/l for samples collected 4th Quarter 2000 on November 16, 2000 and 1st Quarter 2001 on January 23, 2001. These are significant increases from the 2,200 ug/l for the initial sample collected on March 2, 2000. TPH-G also increased significantly on January 23, 2001, 6,400 ug/l, compared to <500 ug/l on November 16, 2000 and 670 ug/l on March 2, 2000. The only other well with detectable contaminant concentrations was MW-3 which had MTBE concentrations of 72 ug/l, 24 ug/l, and 0.96 ug/l, on January 23, 2001, November 16, 2000, and March 2, 2000, respectively. MW-3 is located crossgradient from the tank locations. Delineation of MTBE concentrations from the site is needed.

Provide a workplan to delineate MTBE concentrations from the site and continue quarterly groundwater monitoring. If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Christopher Dennis, TRC, 5052 Commercial Circle, Concord, CA 94520

file

SENT 8 25 2000

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RO # 123

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

August 24, 2000

Mike Karvelot, Director of Environmental Affairs
Quik Stop Markets, Inc.
4567 Enterprise St.
Fremont, CA 94538

Dear Mr. Karvelot:

Subject: Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602;
Stid 3964

"Site Assessment Report, Project No. 41-0236-01" dated March 28, 2000 by TRC-Alton Geoscience, Inc., was reviewed. We concur with the recommendation for quarterly monitoring and sampling.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Christopher Dennis, TRC- Alton Geoscience, Inc., 5052 Commercial Circle, Concord, CA 94520

file
L.S.

Sent 12/28/99
Including cc's

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RO123

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

December 17, 1999

Mike Karvelot, Director of Environmental Affairs
Quik Stop Markets, Inc.
4567 Enterprise St.
Fremont, CA 94538

Re: Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602;
Stid 3964

Dear Mr. Karvelot:

The addendum to the site assessment workplan, dated December 15, 1999, by Alton Geoscience, Inc., Alton Project No. 41-00236-01, proposing to analyze for organic lead at the aforementioned site is acceptable. Additionally, if lead is found in the soil sample then analysis for dissolved lead in groundwater will be required.

A report of your site assessment activities will be expected within 45 days following completion of field activities.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Christopher Dennis, TRC- Alton Geoscience, Inc., 5052 Commercial Circle, Concord, CA 94520

file

Sent 12/3/99
Including cc's

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

R0123

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

December 2, 1999

Mike Karvelot, Director of Environmental Affairs
Quik Stop Markets, Inc.
4567 Enterprise St.
Fremont, CA 94538

Re: Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602;
Stid 3964

Dear Mr. Karvelot:

"Site Assessment Workplan" dated November 29, 1999 by Alton Geoscience, Inc., Alton Project No. 41-00236-01, for the aforementioned site was reviewed. Please take note of the following:

1) The well permit is issued by Alameda County Public Works, Cindy Hutcheson 510/670-5248.
2) Soil and groundwater samples also need to be tested for total lead if the underground tanks may have stored leaded gasoline.

Submit revisions to the workplan within 30 days to this office.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Christopher Dennis, TRC- Alton Geoscience, Inc., 5052 Commercial Circle, Concord, CA 94520

file

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

R0123

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

September 16, 1999

Mike Karvelot, Director of Environmental Affairs
Quik Stop Markets, Inc.
4567 Enterprise St.
Fremont, CA 94538

Re: Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602;
Stid 3964

Dear Mr. Karvelot:

There is evidence that surface water or groundwater has been or may be affected by the unauthorized release at the aforementioned site; or that contaminated soils are or may be in contact with surface water or groundwater. On September 17, 1998, two 10,000 gal. underground storage tanks and piping were removed. One of the tanks, T-2, had a small hole near the bottom of the south end. One of the soil samples collected, SW-2, had 240 ppm Total Petroleum Hydrocarbons as Gasoline (TPH-G). The two water samples collected, PW-1 and GW-1, each had detectable concentrations of contaminants. PW-1 had 1,800 ppb TPH-G, 3.8 ppb benzene, 50 ppb toluene, 32 ppb ethyl benzene, and 160 ppb xylene, and 5,500 ppb Methyl Tertiary-Butyl Ether (MTBE). GW-1 had 64 ppb TPH-G and 2,700 ppb MTBE.

A soil and groundwater investigation is required. This needs to include the collection and analysis of data necessary to assess the nature and vertical and lateral extent of the release and to determine a cost-effective method of cleanup. A workplan needs to be submitted to this office.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang

Don Hwang
Hazardous Materials Specialist

C: City of Oakland Fire Services, 1603 Martin Luther King, Fire Station 1, Oakland CA 94612

file

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

R0123

June 25, 1993

Mr. Jack Griffith
Quik Stop Markets, Inc.
P.O. Box 5745
Fremont, CA 94537

RE: FIVE YEAR UNDERGROUND STORAGE TANK OPERATING PERMIT
Quik Stop Market #56, 3132 Beaumont Ave., Oakland, CA 94602

Dear Mr. Griffith:

I have enclosed a five year permit to operate two underground gasoline storage tanks (USTs) at the above referenced facility. These USTs are single walled steel with single walled suction piping. Please be advised that these USTs will have to be replaced with double walled tanks and piping by December 22, 1998.

To operate under a valid permit, you are required to comply with the conditions as described in Chapter 16 of Title 23 of the California Code of Regulations (CCR). Consult the revised Title 23, CCR for additional requirements. To obtain a copy of these regulations, please contact the State Water Resources Control Board at (916) 657-0917.

If you have any questions, please contact me at (510) 271-4321.

Sincerely,

Ronald J. Owcarz

Ronald J. Owcarz, REHS
Hazardous Materials Specialist

Enclosure

cc: Chief Lamont Ewell, Oakland Fire Dept.
Ariu Levi - file